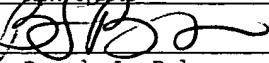


CH-07-05

IFW



Filed Via Express Mail
Rec. No.: EV478582503US
On : April 6, 2005
By 
Brendy L. Belony

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Hiroshi IIZUKA, et al.

Filed : November 17, 2003

For : OPTICAL AMPLIFIER AND.....

Serial Number : 10/716,361

April 6, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the non-US documents (if any) listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

For documents written in a language other than English, English language abstracts and/or explanations are annexed thereto explaining relevancy in accordance with 37 CFR §1.98 (a)(3).

Also attached is an European Search Report dated March 10, 2005, from the corresponding European Application.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

Any fee due with this statement may be charged to Deposit Account 50-1290.

Early and favorable consideration is respectfully solicited.

Respectfully submitted,



Thomas J. Bean
Reg. No. 44,528

Customer Number: 026304
Docket No.: FUJI 20.747

Please type a plus sign (+) → + Patent and Trademark Office

1449/PTO

U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE

Application No.	: 10/716,361
Filing Date	: November 17, 2003
First Named Inventor	: H. IIZUKA
Group Art Unit	:
Examiner Name	:
Attorney Docket No.	: FUJI 20.747

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		6,687,045		LELIC	02-2004	
		2004/0027651		BALLAND ET AL.	02-2004	
		6,421,169		BONNEDAL ET AL.	07-2002	
		2004/0100688		IIZUKA ET AL.	05-2004	
		2003/0231379		KOMAKI ET AL.	12-2003	
		2002/0044343		MANZUR	04-2002	
		2004/0085625		MOTOSHIMA ET AL.	05-2004	
		6,411,430		OGINO ET AL.	06-2002	
		2003/0035203		SHLIFER ET AL.	02-2003	
		6,061,171		TAYLOR ET AL.	05-2000	
		2004/0114215		TIAN ET AL.	05-2004	
		6,560,008		WADA	05-2003	
		2001/0017729		SUGAYA ET AL.	08-30-2001	
		6,369,938		SUGAYA ET AL.	04-09-2002	
		5,889,609		FUKUSHIMA	03-30-1999	
		5,805,322		FUJITSU LTD.	09-08-1998	
		6,055,092		FUJITSU LTD	04-25-2000	
		5,966,237		FUJITSU LTD.	10-12-1999	
		6,288,874		TOKYO SHIBAURA ELECTRIC CO.	09-11-2001	
		2002/0067538		SUGAYA ET AL.	06-06-1001	
		6,603,596		INAGAKI ET AL.	08-05-2003	

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		9-214034	JP	NIPPON TELEGR & TELEPH CORP <NTT>	08-15-1997	
		5-244098	JP	HITACHI LTD.	09-21-1993	
		0 944 190	EP	FUJITSU LTD.	09-22-1999	
		1 376 904	EP	FUJITSU LTD.	01-02-2004	

Examiner Signature	Date Considered
--------------------	-----------------

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
		European Search Report dated March 10, 2005	
		H. SUZUKI ET AL. Dynamic Gain Control by Maximum Signal Power Channel in Optical Linear Repeaters for WDM Photonic Transport Networks. IEEE Photonics Technology Letters, IEE Inc. New York, U.S. vol.10, no.5, May 1, 1998, pages 734-736	
		S.Y. PARK ET AL. A gain-flattened two-stage EDFA for WDM optical networks with a fast link control channel. Optics Communications, Vol. 153, no.1-3, July 15, 1998 pages 23-26	
Examiner Signature		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.